Time Frame: 50 minutes

Subject Matter: The Multiplication Rules of Probability

**TELL ME**

Anticipatory Set:

* If two cards are selected from a deck of cards with replacement, find these probabilities.
1. Both are spades.
2. Both are same suit.
3. Both are kings.

Objective: TSWBAT find the probability of compound events using the multiplication rule # 2.

Standards: DA – 1.1, 1.2, & 1.5

Materials: LCD Projector, Small whiteboard, and Markers

**SHOW ME**

Presentation of Information:

Game: Jeopardy

Game Rules:

1. 5 groups will be competing.
2. Each team can answer a problem at the same time and write their final answer on a white board.
3. Each problem has to be solved within 2 minutes. The time will start on the first sound and ends on the second sound.
4. The team with the largest money will have 100 in the class work of the day, 2nd largest will have 90, 3rd will have 80, and the 4th & 5th will have 75.
5. Student/s who will not join the game or will be disqualified from joining the game will get a zero.
6. $100 will be taken off from a group making unnecessary noise.
7. $500 will be taken off from a group copying answers from other group and will lose the chance of answering the problem.